

**COMPLETE SAMPLE DELIVERY GROUP FILE (CSF)
EVIDENCE AUDIT CHECKLIST
U.S. Environmental Protection Agency - Region 8
Environmental Services Division, Multi-Media Branch
Analytical Operations Section**

Audit Number: 08-14-08 Site Name: Richardson Flat Tailin
 Date CSF Received: 12/3/07 Site Manager: Kathryn Hernandez
 Received By: Carmel Blamp RAS Number: 36948
 Date of Audit: 12/11/07 ULSA Number: _____
 Audited By: Carmel Blamp SDG Number: MH23R6
 Resubmitted CSF? Yes _____ No _____ Number of Samples: 20/L/S
 Lab Name: A-4 Scientific Inc. CLP Lab Code: A-4
 Lab Location: The Woodlands, TX

AUDIT CHECKLIST

CHAIN OF CUSTODY

- | | | |
|---|---|-----------------------------|
| 1. Custody Seal Present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 2. Condition of Seal? Intact <input checked="" type="checkbox"/> Signed <input checked="" type="checkbox"/> Broken <input type="checkbox"/> Unsigned <input type="checkbox"/> | | |
| 3. Chain of Custody Record(s) Present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 4. Chain of Custody Record(s) Signed? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 5. Chain of Custody Record(s) Dated? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 6. Traffic Report(s) or Packing List(s) Present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 7. Traffic Report(s) or Packing List(s) Signed? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 8. Airbill Present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 9. Airbill Number(s): <u>863198575033</u> | | |
| 10. Airbill Signed? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 11. Airbill Dated? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 12. Sample Tags Present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 13. Should Sample Tags be Present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |

AUDIT NUMBER 08-14-08

FORM DC-2

14. Form DC-2 Present?
15. Numbering Scheme on Form DC-2 Correct?
16. Enclosed Documents Listed?
17. Listed Documents Enclosed?

Yes ☒ No ☐
Yes ☒ No ☐
Yes ☒ No ☐
Yes ☒ No ☐

FORM DC-1

18. Form DC-1 Present?
19. Form DC-1 Complete?
20. Form DC-1 Correct?

Yes ☒ No ☐
Yes ☒ No ☐
Yes ☒ No ☐

DOCUMENT CONTROL

21. Laboratory Documents Complete?
22. Laboratory Documents Legible?
23. Original Documents Included in CSF?

Yes ☒ No ☐
Yes ☒ No ☐
Yes ☒ No ☐

DATA INSPECTION

4. Form I's present (for each analytical fraction as defined by the Traffic Report/Chain of Custody Record)?
5. Forms 2 through 8 (VOC & SVOC), Forms 2 through 10 (Pesticides), Forms 2 through 14 (Metals & Cyanide) present?
5. Raw data present (for each analytical fraction as defined by the Traffic Report/Chain of Custody Record)?
Percent Solids Form present for soil samples?

Yes ☒ No ☐
Yes ☒ No ☐
Yes ☒ No ☐
Yes ☒ No ☐

TE: If items 1, 3, 4, 6, 7, 8, 12, 14, 18, or 22 are missing, corrective action measures must be taken by the CSF auditor and summarized below.

AUDIT NUMBER: 08-14-08

COMMENTS AND NOTES:

Carol Bean

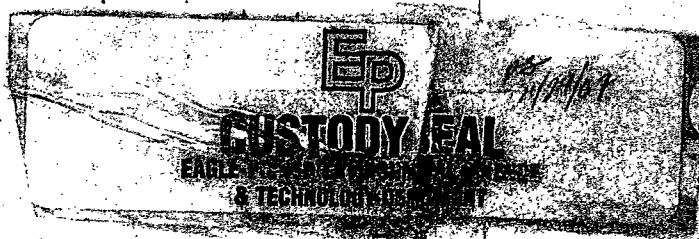
12/11/07

Auditor

Date

EPA OFFICIAL SEALS PAGE

Please attach all custody seals below:



AUDIT NUMBER: 08-14-08

EPA CLP ELECTRONIC DISKETTE(S)

CASE #: 36948 SDG #: MH23R6

SITE NAME: Richardson Flat Tailings

REM: Kathryn Hernandez

DATE: 12/11/07

AUDITOR: Carol Beam

Audit # 08-14-08
RAS # 36948
SDG - MH23R6
Site - Richardson Flat Tailings
RPM - Kathryn Hernandez
Date - 12/11/07
LAB - A-4

USEPA-CLP

COVER PAGE

Lab Name: A4 Scientific, Inc. Contract: EPW06057
Lab Code: A4 Case No: 36948 NRAS No.: _____ SDG No: MH23R6
SOW No.: ILM05.4

EPA Sample No.	Lab Sample ID
MH23R6	0008707-01
MH23R7	0008707-02
MH23R8	0008707-03
MH23R9	0008707-04
MH23S0	0008707-05
MH23S1	0008707-06
MH23S2	0008707-07
MH23S3	0008707-08
MH23S4	0008707-09
MH23S5	0008707-10
MH23S6	0008707-11
MH23S7	0008707-12
MH23S8	0008707-13
MH23S9	0008707-14
MH23T0	0008707-15
MH23T1	0008707-16
MH23T1D	0008707-16D
MH23T1S	0008707-16S
MH23T2	0008707-17
MH23T3	0008707-18

		ICP-AES	ICP-MS
Were ICP-AES and ICP-MS interelement corrections applied?	(Yes/No)	<u>YES</u>	<u>YES</u>
Were ICP-AES and ICP-MS background corrections applied?	(Yes/No)	<u>YES</u>	<u>YES</u>
If yes, were raw data generated before application of background corrections?	(Yes/No)	<u>NO</u>	<u>NO</u>

Comments: _____

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette (or via an alternate means of electronic transmission, if approved in advance by USEPA) has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Reddy Pakanati Name: REDDY PAKANATI
Date: 11/27/07 Title: LABORATORY MANAGER 000000001

USEPA-CLP

COVER PAGE

Lab Name: A4 Scientific, Inc. Contract: EPW06057
Lab Code: A4 Case No: 36948 NRAS No.: _____ SDG No: MH23R6
SOW No.: ILM05.4

EPA Sample No.

Lab Sample ID

MH23T40008707-19MH23T50008707-20

		ICP-AES	ICP-MS
Were ICP-AES and ICP-MS interelement corrections applied?	(Yes/No)	<u>YES</u>	<u>YES</u>
Were ICP-AES and ICP-MS background corrections applied?	(Yes/No)	<u>YES</u>	<u>YES</u>
If yes, were raw data generated before application of background corrections?	(Yes/No)	<u>NO</u>	<u>NO</u>

Comments: _____

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette (or via an alternate means of electronic transmission, if approved in advance by USEPA) has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Reddy Pakanati Name: REDDY PAKANATIDate: 11/27/07 Title: LABORATORY MANAGER 000000002

A4 SCIENTIFIC, INC.

1544 Sawdust Road, Suite 505 • The Woodlands, TX 77380 • Phone (281) 292-5277

Contract #: EPW06057

Case #: 36948

SDG #: MH23R6

SDG NARRATIVE

SAMPLE RECIEPT & LOGIN

The following samples were received on the dates listed against them. The samples were logged in for analysis as listed.

EPA SAMPLE #	LAB SAMPLE #	DATE/TIME RECEIVED	AIRBILL NO.	ANALYSIS	Total # of Containers Received	REMARKS	MATRIX
MH23R6	0008707-01	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23R7	0008707-02	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23R8	0008707-03	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23R9	0008707-04	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23S0	0008707-05	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23S1	0008707-06	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23S2	0008707-07	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23S3	0008707-08	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23S4	0008707-09	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23S5	0008707-10	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23S6	0008707-11	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23S7	0008707-12	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23S8	0008707-13	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23S9	0008707-14	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23T0	0008707-15	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23T1	0008707-16	11/9/07 09:43	863198575033	ICP-AES	1	MS/DUP	SOIL
MH23T2	0008707-17	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23T3	0008707-18	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23T4	0008707-19	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23T5	0008707-20	11/9/07 09:43	863198575033	ICP-AES	1		SOIL

ICP-AES

Issue: Samples for case 36948 were received on 11/9/2007. TR/COC listed tag numbers did not match physical tag numbers.

Resolution: Per Region 8 Lab recorded the physical sample tag number on form DC-1 and proceeded with analysis of samples.

Issue: For samples received on 11/9, there was no temperature blank in the cooler. The cooler temperatures were determined to be 4 degrees. The following method was used to record cooler temperature. Lab removed ice between two sample containers and placed thermometers between them and stabilized for several minutes. The thermometer was not allowed to come in contact with any material except sample containers. The temperature of the shipping container was recorded on the TR/COC and form DC-1.

Resolution: Per direction from Region 8, the laboratory, proceed with the analysis of the samples.

Issue: There were no custody seals on any of the coolers.

Resolution: Per Region 8, proceed with the analysis of the samples.

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A4 SCIENTIFIC, INC.

1544 Sawdust Road, Suite 505 • The Woodlands, TX 77380 • Phone (281) 292-5277

Contract #: EPW06057

Case #: 36948

SDG #: MH23R6

SDG NARRATIVE

Issue: The lab received 121 samples in 5 coolers. There were 2 samples designated for lab QC in each cooler. The lab has a total of 6 SDG, and 10 QC samples designated. Lab confirmed if both designated Lab QC's were to be analyzed or if lab was to select only one per SDG.

Resolution: Per Region 8, the laboratory selected one of the designated samples for laboratory QC per SDG and proceeded with analysis of samples.

Lab selected sample MH23T1 and notified SMO.

SMO was notified. Directive is enclosed. No other discrepancies of issues were noted during receipt and login.

ICP-AES

Soil Samples were digested by Hot-Block technique (HS2) and analyzed using a Thermo Electron ICAP6500.

MS and DUP were performed on sample "MH23T1" and they were within the QC limits.

Analytes with Serial Dilution percent difference not within the control limits are flagged with "E" on Form1s and Form8.

The following equations are used for calculation of sample results from raw instrument output data:

ICP-AES

SOIL Samples:

$$\text{Concentration (dry Wt.) (mg/kg)} = \frac{C * V}{W * S} * DF$$

Where,

C = Concentration (mg/L)

V = Final sample volume in Liters (L) (0.1L)

W = Wet sample weight (kg) (0.001kg)

S = % solids/100

DF = Dilution Factor

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SAMPLE LOG-IN SHEET

Lab Name A4 SCIENTIFIC, INC.					Page 1 of 1
Received By (Print Name) Larry Goodsen					Log-in Date 11-9-07
Received By (Signature) <i>Larry Goodsen</i>					
Case Number 36948		Sample Delivery Group No. MH23R6			NRAS Number ~
Remarks:			Corresponding		Remarks: Condition of Sample Shipment, etc.
	EPA Sample #	Aqueous Sample pH	Sample Tag #	Assigned Lab #	
1. Custody Seal (s)	Present/Absent* X	MH23R6	8311938	0008107 -01	Intact 1-2 plock Bag
2. Custody Seal Nos.	N/A	R7	8311949	-02	
3. Traffic Reports/Chain of Custody Records or Packing Lists	Present/Absent* X	R8	946	-03	
4. Airbill	Airbill/Sticker Present/Absent* X	R9	939	-04	
5. Airbill No.	86319257502	MH23S0	947	-05	
	N/A	S1	945	-06	
6. Sample Tags	Present/Absent* X	S2	950	-07	
Sample Tag Numbers 11-9-07	Listed/Not Listed on Traffic Report/Chain of Custody Record X	S3	948	-08	
7. Sample Condition	Intact/Broken*/Leaking X	S4	943	-09	
8. Cooler Temperature Indicator Bottle	Present/Absent* X	S5	942	-10	
	MH23S6		937	-11	
9. Cooler Temperature	4°C	S7	936	-12	
10. Does information on Traffic Reports/Chain of Custody Records and sample tags agree?	Yes/No* X	S8	941	-13	
	X	S9	940	-14	
11. Date Received at Lab	11/9/07	MH23T0	944	-15	
12. Time Received	10 AM	T1	901	-16	
Sample Transfer		T2	904	-17	
Fraction MHS	Fraction	T3	933	-18	
Area # COOLERS A	Area #	T4	908	-19	
By 20	By	T5	932	-20	
On 11/9/07	On				28 11/12/07

* Contact SMO and attach record of resolution

Reviewed By DS	Logbook No. NA
Date 11/12/07	Logbook Page No. 1 000000005

FULL INORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET

LABORATORY NAME	<u>A4 SCIENTIFIC, INC.</u>
CITY/STATE	<u>THE WOODLANDS, TX</u>
CASE NO.	<u>36948</u> SDG NO. <u>MH2326</u>
SDG NOS. TO FOLLOW	<u>NA</u>
NRAS NO.	<u>NA</u>
CONTRACT NO.	<u>EPW06057</u>
SOW NO.	<u>ILM05.4</u>

All documents delivered in the Complete SDG File must be original documents where possible. (Reference - Exhibit B Section 2.6)

	PAGE NOS.		LAB	CHECK REGION
	FROM	TO		
1. Cover Page	<u>1</u>	<u>2</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2. SDG Narrative	<u>3</u>	<u>4</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3. Sample Log-In Sheet (DC-1)	<u>5</u>	<u>5</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4. Inventory Sheet (DC-2))	<u>6</u>	<u>7</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5. Traffic Report/Chain of Custody Record(s)	<u>8</u>	<u>10</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Inorganic Analysis				
6. Data Sheet (Form I-IN)	<u>11</u>	<u>30</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7. Initial & Continuing Calibration Verification (Form IIA-IN)	<u>31</u>	<u>34</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8. CRQL Standard (Form IIB-IN)	<u>35</u>	<u>37</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9. Blanks (Form III-IN)	<u>38</u>	<u>40</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10. ICP-AES Interference Check Sample (Form IVA-IN)	<u>41</u>	<u>43</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
11. ICP-MS Interference Check Sample (Form IVB-IN)	<u>NA</u>	<u>NA</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Matrix Spike Sample Recovery (Form VA-IN)	<u>44</u>	<u>44</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
13. Post-Digestion Spike Sample Recovery (Form VB-IN)	<u>NA</u>	<u>NA</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Duplicates (Form VI-IN)	<u>45</u>	<u>45</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
15. Laboratory Control Sample (Form VII-IN)	<u>46</u>	<u>46</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
16. ICP-AES and ICP-MS Serial Dilutions (Form VIII-IN)	<u>47</u>	<u>47</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
17. Method Detection Limits (Annually) (Form IX-IN)	<u>48</u>	<u>50</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
18. ICP-AES Interelement Correction Factors (Quarterly) (Form XA-IN)	<u>51</u>	<u>51</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
19. ICP-AES Interelement Correction Factors (Quarterly) (Form XB-IN)	<u>52</u>	<u>52</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
20. ICP-AES and ICP-MS Linear Ranges (Quarterly) (Form XI-IN)	<u>53</u>	<u>53</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
21. Preparation Log (Form XII-IN)	<u>54</u>	<u>54</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
22. Analysis Run Log (Form XIII-IN)	<u>55</u>	<u>57</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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	PAGE NOS.		CHECK	REGION
	FROM	TO		
23. ICP-MS Tune (Form XIV-IN)	NA	NA	✓	—
24. ICP-MS Internal Standards Relative Intensity Summary (Form XV-IN)	↓	↓	✓	—
25. ICP-AES Raw Data	58	303	✓	✓
26. GFAA Raw Data (If Applicable)	NA	NA	✓	—
27. ICP-MS Raw Data	↓	↓	✓	—
28. Mercury Raw Data	↓	↓	✓	—
29. Cyanide Raw Data	↓	↓	✓	—
30. Preparation Logs Raw Data	304	323	✓	✓
31. Percent Solids Determination Log	324	325	✓	✓
32. USEPA Shipping/Receiving Documents				
Airbill (No. of Shipments <u>1</u>)	326	326	✓	✓
Sample Tags	327	333	✓	✓
Sample Log-In Sheet (Lab)	334	335	✓	✓
33. Misc. Shipping/Receiving Records (list all individual records)				
Telephone Logs	NA	NA	✓	—
<u>NA</u>	↓	↓	↓	—
34. Internal Lab Sample Transfer Records & Tracking Sheets (describe or list)				
<u>NA</u>	NA	NA	✓	—
Custody Logbook	336	336	✓	✓
35. Internal Original Sample Prep & Analysis Records (describe or list)				
Prep Records <u>Digestion Log</u>	304	305	✓	✓
Analysis Records <u>Runlogs</u>	306	309	✓	✓
Description <u>Standard preplogs</u>	310	323	✓	✓
36. Other Records (describe or list)				
Telephone Communications Log	NA	NA	✓	—
Emails	337	343	✓	✓
<u>NA</u>	NA	NA	✓	—

37. Comments: _____

_____ 11/27/07

Completed by: Jessica Schulte Jessica Schulte sample 11/27/07
 (CLP Lab) (Signature) (Print Name & Title) (Date)

Audited by: Carol Beard Carol Beard 12/11/07
 (USEPA) (Signature) (Print Name & Title) (Date)

**SAMPLE DELIVERY GROUP (SDG)
COVER SHEET**

SDG Number: MH23R6

☒ ICP-AES Analysis

☐ ICP-MS Analysis

Laboratory Name: A4 SCIENTIFIC, INC.

Laboratory Code: A4

Contract No.: EPW06057

Case No.: 36948

Analysis Price: _____

SDG Turnaround: 21 days

Modified Analysis (if applicable):

Modification Reference No.: _____

EPA Sample Numbers in SDG (Listed in Numerical Order)

1) MH23R6	7) MH23S2	13) MH23S8	19) MH23T4
2) MH23R7	8) MH23S3	14) MH23S9	20) MH23T5
3) MH23R8	9) MH23S4	15) MH23T0	21)
4) MH23R9	10) MH23S5	16) MH23T1	22)
5) MH23S0	11) MH23S6	17) MH23T2	23)
6) MH23S1	12) MH23S7	18) MH23T3	24)

MH23R6

First Sample in SDG

MH23T5

Last Sample in SDG

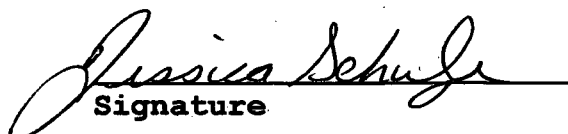
11/09/2007

First Sample Receipt Date

11/09/2007

Last Sample Receipt Date

Note: There are a maximum of 20 **field** samples [excluding Performance Evaluation (PE) Samples] in an SDG. Attach the TR/COC Records to this form in alphanumeric order (the order listed above on this form).


Signature

11-9-07
Date



Cooler 4

**USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record**

Case No: 36948

DAS No:

SDG No: MH 23R6

L

Date Shipped: Carrier Name: FedEx Airbill: Shipped to: A4 Scientific 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277	Chain of Custody Record		Sampler Signature: <i>Chr H</i>	For Lab Use Only Lab Contract No: EPW06057 Unit Price: 0 Transfer To: <i>28</i> Lab Contract No: <i>28</i> Unit Price: 11/9/07	
	Relinquished By	(Date / Time)	Received By		(Date / Time)
	1 Chris Hayes	11/6/07 8AM	Janna Simonsen		11/06/07
	2 Janna Simonsen	11/8/07 11AM			
	3				
4					

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MH23R6	Surface Soil (0"-12")/ April Turney	M/G	TM (21)	TAG86 (1)	UE01-22-0.5	S: 10/31/2007 12:35	14940008707-01	Intact
MH23R7	Surface Soil (0"-12")/ April Turney	M/G	TM (21)	TAG87 (1)	UE03-28-0.5	S: 10/31/2007 13:15	- 02	
MH23R8	Surface Soil (0"-12")/ April Turney	M/G	TM (21)	TAG88 (1)	UE03-28-1.0	S: 10/31/2007 13:10	- 03	
MH23R9	Surface Soil (0"-12")/ April Turney	M/G	TM (21)	TAG89 (1)	UE04-28-0.5	S: 10/31/2007 10:30	- 04	
MH23S0	Surface Soil (0"-12")/ April Turney	M/G	TM (21)	TAG90 (1)	UE08-27-0.5	S: 10/31/2007 9:20	- 05	
MH23S1	Surface Soil (0"-12")/ April Turney	M/G	TM (21)	TAG91 (1)	UE09-27-0.5	S: 10/31/2007 9:20	- 06	
MH23S2	Surface Soil (0"-12")/ April Turney	M/G	TM (21)	TAG92 (1)	UE11-27-0.5	S: 10/31/2007 9:40	- 07	
MH23S3	Surface Soil (0"-12")/ April Turney	M/G	TM (21)	TAG93 (1)	UE11-27-1.0	S: 10/31/2007 10:00	- 08	
MH23S4	Surface Soil (0"-12")/ April Turney	M/G	TM (21)	TAG94 (1)	UE17-27-0.5	S: 10/31/2007 10:20	- 09	
MH23S5	Surface Soil (0"-12")/ April Turney	M/G	TM (21)	TAG95 (1)	UE18-27-0.5	S: 10/31/2007 10:30	- 010	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: MH23T1, MH23T9	Additional Sampler Signature(s): <i>JS</i> 11/9/07	Cooler Temperature Upon Receipt: 34°C 11/9/07	Chain of Custody Seal Number: <i>JS</i> 11/9/07
Analysis Key: TM = CLP TAL Total Metals	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? <i>X</i>	Shipment Iced? <i>X</i> 11/9/07

TR Number: 8-065602925-110707-0001

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602**LABORATORY COPY**



USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 36948

DAS No:

SDG No: MH23R6

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Date Shipped: Carrier Name: FedEx Airbill: Shipped to: A4 Scientific 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277	Chain of Custody Record		Sampler Signature: <i>Chu H of</i>	For Lab Use Only Lab Contract No: EPW06057 Unit Price: 0 Transfer To: 2 Lab Contract No: 2 Unit Price:	
	Relinquished By	(Date / Time)	Received By		(Date / Time)
	1 Chris Hayes	11/6/07 8AM	Janna Simonsen		11/06/07
	2 Janna Simonsen	11/9/07 11AM			
	3				
4		2. Schulz	11/9/07 943		

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MH23S6	Surface Soil (0"-12")/ April Turney	M/G	TM (21)	TAG96 (1)	UE19-27-0.5	S: 10/31/2007 15:00	0008707 - 011	Intact
MH23S7	Surface Soil (0"-12")/ April Turney	M/G	TM (21)	TAG97 (1)	UE21-27-0.5	S: 10/31/2007 15:50	- 012	
MH23S8	Surface Soil (0"-12")/ April Turney	M/G	TM (21)	TAG98 (1)	UE23-27-0.5	S: 10/31/2007 16:10	- 013	
MH23S9	Surface Soil (0"-12")/ April Turney	M/G	TM (21)	TAG99 (1)	UE25-27-0.5	S: 10/31/2007 15:20	- 014	
MH23T0	Surface Soil (0"-12")/ April Turney	M/G	TM (21)	TAG100 (1)	UE27-27-0.5	S: 10/31/2007 15:35	- 015	
MH23T1	Surface Soil (0"-12")/ April Turney	M/G	TM (21)	TAG101 (1)	UW01-44-0.5	S: 11/1/2007 14:30	- 016	
MH23T2	Surface Soil (0"-12")/ April Turney	M/G	TM (21)	TAG102 (1)	UW01-47-0.5	S: 11/1/2007 8:25	- 017	
MH23T3	Surface Soil (0"-12")/ April Turney	M/G	TM (21)	TAG103 (1)	UW02-47-0.5	S: 11/1/2007 8:40	- 018	
MH23T4	Surface Soil (0"-12")/ April Turney	M/G	TM (21)	TAG104 (1)	UW04-47-0.5	S: 11/1/2007 10:35	- 019	
MH23T5	Surface Soil (0"-12")/ April Turney	M/G	TM (21)	TAG105 (1)	UW06-47-0.5	S: 11/1/2007 14:50	- 020	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: MH23T1, MH23T9	Additional Sampler Signature(s): <i>11/9/07</i>	Cooler Temperature Upon Receipt: 3°C	Chain of Custody Seal Number: <i>11/9/07</i>
Analysis Key: TM = CLP TAL Total Metals	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? <i>4</i>	Shipment Iced? <i>4</i>

TR Number: 8-065602925-110707-0001

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

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